

ARG83635 Human Fibrillin 1 ELISA kit

Package: 96 wells
Store at: 4°C

Component

Cat. No.	Component Name	Package	Temp
ARG83635-01	Antibody Coated Microplate	8 X 12 strips	4°C
ARG83635-02	Standard (Lyophilized)	3 vials	4°C
ARG83635-03	Standard diluent buffer	20 ml	4°C
ARG83635-04	Antibody conjugate concentrate	1 vials	4°C
ARG83635-05	Antibody Diluent Buffer	16 ml	4°C
ARG83635-06	HRP-Streptavidin concentrate	1 vials	4°C (protect from light)
ARG83635-07	HRP-Streptavidin diluent buffer	16 ml	4°C
ARG83635-08	20X Wash Buffer	50 ml	4°C
ARG83635-09	TMB substrate	12 ml	4°C (protect from light)
ARG83635-10	STOP solution	12 ml	4°C
ARG83635-11	Plate sealer	4 strips	Room temperature

Summary

Product Description	ARG83635 Human Fibrillin 1 ELISA kit for the quantification of Human Asprosin in serum, plasma (heparin), ascites, urine and cell culture supernatants.
Tested Reactivity	Hu
Tested Application	ELISA
Target Name	Fibrillin 1
Conjugation	HRP
Conjugation Note	Substrate: TMB and read at 450 nm.
Sensitivity	0.16 ng/ml
Sample Type	Serum, plasma (heparin), ascites, urine and cell culture supernatants.
Standard Range	0.31-20 ng/ml
Sample Volume	100 µl
Precision	Intra-Assay CV: less than 10% Inter-Assay CV: less than 10%

Alternate Names	MASS ; OCTD ; SGS ; FBN ; Fibrillin-1 ; Asprosin ; MFS1 ; WMS ; Epididymis Secretory Sperm Binding Protein ; Fibrillin 1 (Marfan Syndrome) ; Fibrillin-1 Preproprotein ; Marfan Syndrome ; Fibrillin 15 ; GPHYS2 ; ACMICD ; ECTOL1 ; MFLS ; SSKS ; WMS2
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Application Instructions

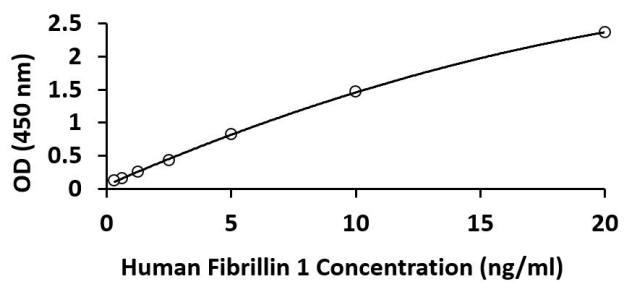
Assay Time	~ 4 hours
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Properties

Form	96 well
Storage instruction	Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FBN1
Gene Full Name	Fibrillin 1
Background	This gene encodes a member of the fibrillin family of proteins. The encoded preproprotein is proteolytically processed to generate two proteins including the extracellular matrix component fibrillin-1 and the protein hormone asprosin. Fibrillin-1 is an extracellular matrix glycoprotein that serves as a structural component of calcium-binding microfibrils. These microfibrils provide force-bearing structural support in elastic and nonelastic connective tissue throughout the body. Asprosin, secreted by white adipose tissue, has been shown to regulate glucose homeostasis. Mutations in this gene are associated with Marfan syndrome and the related MASS phenotype, as well as ectopia lentis syndrome, Weill-Marchesani syndrome, Shprintzen-Goldberg syndrome and neonatal progeroid syndrome. [provided by RefSeq, Apr 2016]
Function	Structural component of the 10-12 nm diameter microfibrils of the extracellular matrix, which conveys both structural and regulatory properties to load-bearing connective tissues. [UniProt]
Highlight	Related products: Fibrillin 1 antibodies New ELISA data calculation tool: Simplify the ELISA analysis by GainData
PTM	Disulfide bond;; Glycoprotein, Phosphoprotein [UniProt]
Cellular Localization	Extracellular matrix; Secreted [UniProt]



ARG83635 Human Fibrillin 1 ELISA kit standard curve image

ARG83635 Human Fibrillin 1 ELISA kit results of a typical standard run with optical density reading at 450 nm.
